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APPENDIX.

ACCESSIONS TO THE LIBRARY.

JANUARY 1, 1899, TO DECEMBER 31, 1900.

BY B. B. SMYTH, LIBRARIAN.

ALABAMA.

UNIVERSITY.—*Geological Survey of Alabama*, Eugene A. Smith, Ph. D., State Geologist: Iron making in Alabama, 380 pages. Report of the Warrior coal basin, 330 pages. Bulletin No. 6, on clays of Alabama, 220 pages.

CALIFORNIA.

BERKELEY.—*University of California*: Annual reports of secretary, 1899, 127 pages; 1900, 100 pages. Bulletins of the department of geology, vol. I, 428 pages; vol. II, 230 pages.

PALO ALTO.—*Leland Stanford Jr. University*: Contributions to biology from the Hopkins seaside laboratory, articles XVIII–XXII, 354 pages, 23 plates.

SACRAMENTO.—*California State Mining Bureau*: Bulletins: Nos. 13, 14, 15, 16.

SAN DIEGO.—C. R. Orcutt, Editor: *West American Scientist*, Nos. 84–89.

SAN FRANCISCO.—*California Academy of Sciences*: Proceedings, third series, 1899–1900, botany, vol. I, Nos. 6 to 9, 140 pages; geology, vol. I, Nos. 5, 6, 20 pages; mathematics-physics, vol. I, Nos. 5, 6, 191 pages; zoology, vol. I, Nos. 11, 12, 48 pages; vol. II, Nos. 1 to 7, 191 pages; occasional papers, VI, VII, 262 pages.

COLORADO.

COLORADO SPRINGS.—*Colorado College*: Colorado College studies, vols. VII, VIII.

DENVER.—*Colorado Scientific Society*: Bulletins, Nos. 3, 4, 1899; Nos. 1, 2, 3, 1900.

CONNECTICUT.

NEW HAVEN.—*Connecticut Academy of Arts and Sciences*: Transactions, vol. X, 300 pages, 41 plates.

DISTRICT OF COLUMBIA.

WASHINGTON.—*Academy of Sciences of Washington*: Proceedings, vols. I, 339 pages; II, 676 pages.

Biological Society of Washington: Proceedings, vol. XIII, 200 pages.

Chas. W. Smiley, Publisher: *The American Monthly Microscopical Journal*, vol. XX, 1899; vol. XXI, 1900.

United States Civil Service Commission: Fifteenth annual report, 736 pages.

U. S. DEPARTMENT OF AGRICULTURE.

Department of Agriculture, James Wilson, Secretary: Annual report, 1899, 266 pages; 1900, 70 pages. Circulars: Nos. 21, 22. Year-book for 1898, 800 pages; for 1899, 880 pages, 63 plates.

Division of Agrostology, F. Lamson-Scribner, Chief: Bulletins: Nos. 16–22. Circulars: Nos. 9–26. Farmers' bulletins: Nos. 89, 101, 102, 108.

Bureau of Animal Industry, D. E. Salmon, Chief: Fifteenth annual report, 1898, 647 pages. Bulletins: Nos. 23, 24. Circulars: Nos. 23, 25–30. Farmers' bulletins: Nos. 96, 100, 106.

Division of Biological Survey, C. Hart Merriam, Chief: Bulletins: Nos. 8, 12, 13. Circulars: Nos. 28, 29, 31. North American fauna: Nos. 15, 17, 18, 19.

Division of Botany, Frederick V. Coville, Botanist: Bulletins: Nos. 22-24. Circulars: Nos. 16-29. Farmers' bulletins: Nos. 110, 111, 115. Contributions from U. S. national herbarium: Vol. V, Nos. 4 and 5, pages 145-320, plates XVIII-LXIV; vol. VI, plant life of Alabama, 921 pages, map. Inventory: Nos. 1 and 2. Foreign seeds and plants: Nos. 1 to 1900.

Division of Chemistry, Harvey W. Wiley, Chemist: Bulletins: Nos. 52, 56, 57. Farmers' bulletin: No. 90.

Division of Entomology, L. O. Howard, Entomologist: Bulletins: Nos. 17, 19, 20, 21, 22, 26. Circulars: Nos. 37, 38, 39, 41. Farmers' bulletin: No. 120.

Office of Experiment Stations, A. C. True, Director: Bulletins: Nos. 28, 49, 51, 56-79, 81, 83. Circulars: Nos. 40-44, 82, 84, 85. Experiment station records, vols. X, 760 pages; XI, 500 pages; XII, 201 pages. Farmers' bulletins: Nos. 87, 92, 93, 97, 103, 105, 107, 109, 115, 117, 118, 119.

Fiber Investigations, Charles Richard Dodge, Special Agent: Reports: Nos. 10, 11.

Section of Foreign Markets, F. H. Hitchcock, Chief: Bulletins: Nos. 14, 15, 16, 17. Circular: No. 21.

Forestry Division, B. E. Fernow, Chief: Bulletins: Nos. 17, 22, 25, 26, 28. Progress of Forestry in the United States, by Gifford Pinchot. Circular: No. 22. Report of the forester for 1899, by Gifford Pinchot, pages 93-100.

Division of Pomology, G. B. Brackett, Chief: Bulletin: No. 8. Report: No. 61. Special Report: No. 18. Farmers' bulletin: No. 113. Circular: No. 1.

Division of Publications, George Wilson Hill, Chief: Library bulletins: Nos. 28-29. Senate document: No. 124.

Office of Road Inquiry, Roy Stone, Special Agent: Circular: No. 33. Farmers' bulletin: No. 95.

Division of Soils, Milton Whitney, Chief: Bulletins: Nos. 15, 16. Circulars: Nos. 3, 5, 6. Farmers' bulletin: No. 88. Reports: Nos. 59, 60, 62.

Division of Statistics, John Hyde, Statistician: Bulletins: Nos. 15, 16, 17. Circulars: Nos. 5, 10, 11, 12, 13. Crop circulars, monthly. Report: No. 153.

Division of Vegetable Physiology and Pathology, B. T. Galloway, Chief: Bulletins: Nos. 17, 18, 20, 21, 22. Circular: No. 17. Farmers' bulletin: No. 91.

Weather Bureau, Willis L. Moore, Chief: Bulletins: Nos. 16, 18, 23, 25, 26, 29. Farmers' bulletin: No. 104. Monthly weather review, October, 1898, to September, 1900. Report of the chief of the weather bureau, 1896, 1897, 1898. Daily precipitation at rainfall stations of the United States, for the years 1893 to 1895, part I.

U. S. DEPARTMENT OF THE INTERIOR.

United States Bureau of Education, William T. Harris, Commissioner: Circulars of information. Report of the commissioner for 1898, vol. I, 1280 pages; vol. II, 1360 pages; report for 1899, vol. I, 1252 pages; vol. II, 1270 pages.

United States Geological Survey, Chas. D. Walcott, Director: Eighteenth annual report, 1897, part I; nineteenth annual report, 1899, part I. Monographs: Vols. XXV, 660 pages; XXVI, 260 pages; XXVII, 556 pages; XXVIII, 608 pages; XXIX, 709 pages; XXX, 200 pages; XXXI, 260 pages; XXXII, 892 pages; XXXIII, 402 pages; XXXIV, 489 pages; XXXV, 295 pages; XXXVI, 512 pages; XXXVII, 467 pages; XXXVIII, 817 pages.

Smithsonian Institution, S. P. Langley, Secretary: Annual reports for 1897, 686 pages; 1898, 696 pages. Smithsonian miscellaneous collections: Vol. XXXIX, 430 pages; vol. XL, 1228 pages. Annals of the astrophysical observatory, vol. I, 1900, 266 pages, 32 plates.

Smithsonian Institution—Bureau of Ethnology, J. W. Powell, Director: Seventeenth annual report, 1896, in two parts, 752 pages, 175 plates, 356 figures; eighteenth annual report, 1897, 518 pages, 107 plates, many figures.

Smithsonian Institution—U. S. National Museum, S. P. Langley, Secretary in charge: Annual reports, 1897, part I, 1021 pages; 1898, part I, 1294 pages. Proceedings, vols. XXI, 1899, 934 pages; XXII, 1900, 1060 pages.

U. S. NAVY DEPARTMENT.

United States Lighthouse Board: List of lights and signals of the United States on the Northern lakes and rivers, Pacific, Atlantic, and Gulf coasts.

United States Naval Observatory, Capt. F. V. McNair, U. S. N., Superintendent: Reports of the superintendent, 1899, 1900. Catalogue of stars observed at the U. S. naval observatory from 1845 to 1877, by Capt. Edgar Frisby, U. S. N., 3d edition, 302 pages.

U. S. TREASURY DEPARTMENT.

Bureau of the Mint, Geo. E. Roberts, Director: Report of the director of the mint upon the production of precious metals in the United States, for 1897, 404 pages, 10 plates; for 1898, 313 pages; for 1899, 435 pages, 18 half-tone plates.

U. S. Coast and Geodetic Survey, Henry S. Pritchett, Superintendent: Annual report of the superintendent, 1898, 489 pages, many plates, map in pocket; 1899, 964 pages, many plates, map in pocket. Special publication No. 4, the transcontinental triangulation, 1900, 871 pages, many plates, map in pocket.

ILLINOIS.

CHICAGO.—*Armour Institute of Technology:* Year-book, 1900-'01.

Chicago Academy of Sciences: Fortieth annual report, 1897, 28 pages. Bulletins: Nos. 2, 3, 4, 500 pages, many plates and figures.

Field Columbian Museum: Publication 51, anthropological series, vol. II, No. 4, 10 pages, 11 plates. Publications 39, 43, 48, 50, botanical series, vol. I, Nos. 5, 6, 24 pages, 5 plates; vol. II, Nos. 1, 2, 123 pages. Publications 33-36, 44, 53, geological series, vol. I, Nos. 3-8, 144 pages, 16 plates. Publications 30-32, 37, 88, 40, 41, 49, 45-47, zoological series, vol. I, Nos. 11, 18, 104 pages, 16 plates; vol. II, 471 pages, 143 plates; vol. III, Nos. 1, 2, 14 pages, 4 plates. Publications 29, 42, 52, report series, vol. I, Nos. 4-6, 252 pages, 40 plates.

Library Bureau: Public Libraries, monthly, vol. IV, 1899, 472 pages; vol. V, 1900, 488 pages.

University of Chicago, Department of Geology: Journal of Geology, semiquarterly, vol. VII, 1899, 842 pages, many illustrations; vol. VIII, 1900, 800 pages, many illustrations.

PEORIA.—*Fred Boettger:* Bulletin of the Peoria Scientific Association, 1887, 92 pages.

SPRINGFIELD.—*Illinois State Museum of Natural History:* Bulletin No. 12, 69 pages, 5 plates of crinoids, etc.

URBANA.—*Illinois State Laboratory of Natural History, S. A. Forbes, Director:* Bulletin, vol. V, articles VII, VIII, IX, X, XI, 478 pages. Biennial report, 1897-'98, 32 pages, 10 plates.

INDIANA.

BLOOMINGTON.—*J. W. Beede, Ph. D., University of Indiana:* The stratigraphy of Shawnee county; the McPherson Equus beds; notes on Kansas physiography; new fossils from the Kansas Coal Measures; Carboniferous invertebrates, 187 pages, 43 plates; a reconnaissance in the Blue Valley Permian, 12 pages, map.

INDIANAPOLIS.—*Department of Geology and Natural Resources, W. S. Blatchley, State Geologist:* Twenty-third annual report, 1898, 1771 pages, 8 lithograph maps, numerous sketches; twenty-fourth, 1898, 1078 pages, 88 plates, 1 lithograph map.

Indiana Academy of Science: Proceedings, 1898, 298 pages; 1899, 184 pages.

IOWA.

AMES.—*Iowa Agricultural Experiment Station:* Bulletins, Nos. 41, 66 pages; 53, 8 pages.

DAVENPORT.—*Davenport Academy of Sciences:* Proceedings, vols. V, 1885-'89, 370 pages, 2 plates, portrait; VI, 1889-'97, 392 pages, 34 plates; VII, 1897-'99, 280 pages, 17 plates.

DES MOINES.—*Iowa Academy of Science:* Proceedings 1898, vol. VI, 234 pages, 7 plates.

Iowa Geological Survey: Vol. IX, annual report, 1898, 572 pages, 13 plates, 56 figures; vol. X, 1899, 666 pages, 10 lithograph maps, 11 plates, 102 figures.

Iowa Historical Society: Documentary material relating to the history of Iowa; Iowa historical record, vols. XIV, XV, 1899, 1900.

L. H. Pammel, Author: Contributions from the botanical department of Iowa State College of Agriculture and Mechanic Arts, Nos. 10-13.

T. J. Fitzpatrick, Author: The Orchidaceæ of Iowa, 14 pages; ferns of Iowa and their allies, 14 pages.

KANSAS.

ATCHISON.—*E. B. Knerr, Ph. D.:* Midland Monthly, occasional.

EFFINGHAM.—*Lumina C. Ridd'e, Author:* The embryology of alyssum, 11 pages, 3 plates.

J. W. Beede, Ph. D. (see Bloomington, Ind.)

EMPORIA.—*State Normal School:* Catalogues; twelfth biennial report.

L. C. Wooster, Author: Educational values of the natural sciences. Description of a new species of *Hydreichionocrinus*, by S. Weller.

LAWRENCE.—*E. H. S. Bailey, Ph. D.*: Chemistry of gypsum, plaster of Paris, and cement plasters, 36 pages.

Geo. Wagner, Ph. D. (see Ann Arbor, Mich.)

S. W. Williston, Ph. D.: Paleontology of Kansas, part I, Upper Cretaceous, 594 pages, 120 plates; part II, Carboniferous and Cretaceous, 516 pages, 73 plates.

University of Kansas: Catalogue of the university for 1888-'89; 1899-1900. The Kansas University Quarterly, series A, vol. VII, 236 pages, 10 plates; vol. VIII, 186 pages, 30 plates; vol. IX, 274 pages, 48 plates.

University Geological Survey, Erasmus Haworth, Geologist: University geological survey of Kansas, vol. V, 183 pages, 30 plates; vol. VI, 516 pages, 73 plates. Mineral resources of Kansas, 1897-'98.

MANHATTAN.—*Kansas State Agricultural College*: Bulletins, Nos. 82-98; annual reports; press reports, occasional.

A. S. Hitchcock, Author: List of plants in my Florida herbarium, 76 pages.

T. D. A. Cockerell and P. J. Parrott, Authors: Contributions to a knowledge of the Kansas Coccidae.

MCPHERSON.—*Warren Knaus, Author*: Collecting notes on Kansas Coleoptera.

ROCKPORT.—*Elam Bartholomew, Author*: The Kansas Uredinæ, 20 pages.

TOPEKA.—*Adjutant General of the State of Kansas*: Biennial reports, 1899; Kansas troops of the volunteer service, Spanish and Philippine wars.

Auditor of State, Geo. E. Cole, Auditor: Twelfth biennial report, 1900.

State Board of Agriculture, F. D. Coburn, Secretary: Eleventh biennial report, 1898; twelfth, 1900; quarterly reports.

State Board of Health, W. B. Swan, M. D., Secretary: Laws governing practice of medicine in Kansas; what sanitary science has done for American life; relations of state board of health to the public.

State Historical Society, Geo. W. Martin, Secretary: Twelfth biennial report, 1900; Kansas historical collections, vol. VI, 1900.

State Horticultural Society, William H. Barnes, Secretary: The Kansas apple; the plum in Kansas; the peach; the cherry; annual reports, 1898, 1899.

State Superintendent of Public Instruction, Frank Nelson, Superintendent: Twelfth biennial report, 1900.

Secretary of State, Geo. A. Clark, Secretary: Biennial reports, 1898, 1899.

State Treasurer, Frank E. Grimes, Treasurer: Biennial report.

Kansas Fish Warden: Biennial report, 1900.

G. P. Grimsley, Author: Gypsum in Kansas, 28 pages; special report on gypsum and gypsum cement plasters, 144 pages, 30 plates.

T. B. Jennings, Weather Observer: Weather reports, weekly and monthly.

John MacDonald, Editor: Western School Journal, monthly, vol. 36, 1899; vol. 37, 1900.

B. B. Smyth, Author: Plants and flowers of Kansas, 118 pages; floral horologe for Kansas, 4 pages, chart; additions to the flora of Kansas, 24 pages; the Topeka "coal hole," 9 pages, sectional plate; the terminal boulder belt in Shawnee county, 7 pages, map; the buried moraine of the Shunganunga, 10 pages, map.

A. H. Thompson, Author: Comparative dental anatomy, 176 pages, 40 figures.

LOUISIANA.

BATON ROUGE.—*Agricultural Experiment Station*: Thirteenth annual report, 22 pages; bulletin No. 64, 28 pages, 6 plates.

NEW ORLEANS.—*J. C. Smith, Author*: Notes on some new infusoria, 17 pages, plate.

MAINE.

AUGUSTA.—*State Board of Agriculture*: Board bulletins, 1898-1900.

MARYLAND.

BALTIMORE.—*Johns Hopkins University*: Circulars, Nos. 140-142.

MASSACHUSETTS.

BOSTON.—*American Academy of Arts and Sciences*: Proceedings, vol. XXXIV, 1898-'99, Nos. 8-23, pages 148-690, 22 plates, 32 figures; vol. XXXV, 1899-1900, 680 pages; vol. XXXVI, Nos. 1-13, 238 pages.

Boston Society of Natural History: Proceedings, vol. XXVIII, Nos. 10-16, pages 265-424; vol. 29, Nos. 1-14, 322 pages, 14 plates.

Massachusetts State Board of Agriculture: Annual report, 1898, 648 pages, 11 plates; 1899, 582 pages, 7 plates. Report on the work of exterminating the gypsy moth, 72 pages, 12 plates.

Massachusetts Horticultural Society, Robert Manning, Secretary: Transactions, for 1898, 360 pages; for 1899, 308 pages, 14 plates.

New England Zoological Club: Proceedings, vol. I, pages 1-37.

CAMBRIDGE.—*Gray Herbarium of Harvard University, B. L. Robinson, Ph. D., Curator*: Contributions from the Gray herbarium, new series: No. 15, *Eleocharis ovata* and its American allies, and *Scirpus eriophorum* and some related forms, by M. L. Fernald, pages 483-504. No. 16, revision of the genera *Montanoa*, *Perymenium*, and *Zaluzania*, and synopsis of the genus *Verbesina*, with a key, by B. L. Robinson and J. M. Greenman, pages 505-566; some new species of Mexican phanerogams, by J. M. Greenman, pages 568-678. No. 17, revision of the genus *Gymnolomia* and supplementary notes upon *Cales*, *Tridax*, and *Mikania*, by B. L. Robinson and J. M. Greenman. No. 18, 38 pages. No. 19, 88 pages.

Merritt L. Fernald, Author: Some antenarias of New England; *Pycnanthemum verticillatum*; two ambiguous loosestrifes from the northern states; illustrated flora of the northern states and Canada, a review; some northeastern species of *Scirpus*; varieties of *Aster* and *Solidago*; recent additions to the Labrador flora; plant names of the Madawaska Indians; three new Western plants.

B. L. Robinson, Author: A new wild lettuce from eastern Massachusetts; a case of ecblastesis and axial proliferation in *Lepidium apetalum*; notes on the genus *Bartonia*, by B. L. Robinson, pp. 46-48; a new station for *Galinsoga hispida*; revision of the North American species of *Tephrosia*; revision of the genus *Guardiola*, by B. L. Robinson, pp. 232-235.

Museum of Comparative Zoology at Harvard College: Annual report, 1898-'99. Bulletins: Vol. XXXIII, 167 pages, 112 plates, mostly heliotype; vol. XXXV, 252 pages, 27 lithograph and heliotype plates; vol. XXXVI, Nos. 1-6, 164 pages, 36 plates; vol. XXXVII, Nos. 1, 2, 82 pages, 50 lithograph plates; vol. XXXVIII, No. 1, 50 pages, 38 heliotype plates.

SALEM.—*Essex Institute*: Annual report for 1899, 60 pages; for 1900, 48 pages.

TUFTS COLLEGE.—*Tufts College Library*: Tufts College studies, No. 6, pp. 203-274, 1 plate.

MICHIGAN.

AGRICULTURAL COLLEGE.—*Michigan Agricultural College*: W. J. Beal, Ph. D., author: Michigan Flora, 180 pages; map.

ALMA.—*C. A. Davis, Author*: Botanical notes on Huron county; the flora of Michigan lakes, 10 pages; a remarkable marl lake; a contribution to the natural history of marl, 13 pages.

ANN ARBOR.—*Michigan Academy of Science*: First report, 1894-'99, 180 pages.

University of Michigan: Circulars.

Geo. Wagner, Ph. D.: *Pharmacopoeia of the United States*, 1830, 1860, 1870; *pharmacographia, Fluckiger & Hanbury*; the principles of pharmacognosy, Fluckiger; reactions, Fluckiger; quantitative chemical analysis, Prescott & Johnson; treatise on chemistry, Roscoe & Schorlemmer, 7 volumes; *American Journal of Pharmacy*, vols. XLIII to LVIII, 1871-'86, 16 volumes, bound; the same, vols. LIX to LXII, 1887-'90, 4 volumes, in monthly parts; Justus Liebig's *Annalen der Chemie*, bands 209 to 224, 1881-'84, 16 volumes, bound; bands 225 to 232, 1884-'86, 8 volumes, unbound; *General Register*, bands 221 to 276, 1884-'93, 1 volume, unbound; bands 278-280, 1893-'94, 3 volumes, unbound; *Pharmaceutische Rundschau* (*Pharmaceutical Review*), New York, vols. VII to XVI, 1889-'98, 10 volumes, 4 of them bound. Total, 72 volumes, 52 bound and 20 unbound.

LANSING.—*Michigan State Board of Agriculture*: Thirty-seventh annual report, 1898, 740 pages; thirty-eighth, 1899, 465 pages.

MINNESOTA.

MINNEAPOLIS.—*Geological and Natural History Survey of Minnesota, N. H. Winchell, State Geologist:* Twenty-fourth annual report, 1895-'98, 284 pages. Final report, quarto, vol. IV, geology, 630 pages, 31 colored geological plates, 57 plates of photographic views and sketches, 114 figures.

University of Minnesota—Agricultural Experiment Station: Bulletins, Nos. 60-63, 533 pages, 28 plates; Nos. 65-68, 732 pages; No. 69, 259 pages.

Department of Botany—Conway McMillan, State Botanist: Minnesota botanical studies, second series, 536 pages, 31 plates, mostly heliotypes.

Department of Entomology—Otto Lugger, State Entomologist: Fourth annual report, 1898, butterflies and moths, 279 pages, 24 plates; fifth report, 1899, 259 pages, 16 plates.

Ulysses S. Grant, Ph. D., Author: Geology of eastern end of Mesabi iron range, 14 pages, map; lakes with two outlets, 14 pages; driftless area in northeastern Minnesota, 5 pages; contact metamorphism of a basic igneous rock, 8 pages.

MISSOURI.

COLUMBIA.—*University of Missouri:* Studies, vol. I, No. 1, 80 pages.

University of Missouri Experiment Station: Bulletins 44-47, 87 pages.

JEFFERSON CITY.—*Bureau of Geology and Mines:* Annual report, vol. XII, 409 pages, 13 plates, 6 maps; biennial report, 1898, 68 pages; New year announcement, Jan. 1, 1900, 27 pages.

State Horticultural Society: Fortieth annual report, 412 pages.

ST. LOUIS.—*Academy of Science of St. Louis:* Transactions, vol. VIII, Nos. 7-12, pp. 107-240, pl. XI-XIX; vol. IX, 356 pages, 38 plates; vol. X, Nos. 1-10, 230 pages, 57 plates.

Missouri Botanical Garden, Wm. Trelease, Director: Eighth annual report, 1897, 236 pages, 66 plates; ninth report, 1898, 160 pages, 50 plates; tenth report, 1899, 211 pages, 56 plates; eleventh annual report, 1900, 144 pages, 58 plates.

St. Louis Mercantile Library Association: Fifty-second annual report, 80 pages.

J. B. S. Norton, Author: North American species of *Euphorbia*, 58 pages, 52 plates.

MONTANA.

BUTTE.—*Alexander N. Winchell, Ph. D., Author:* Mineralogical and petrographic study of the gabbroid rocks of Minnesota, 1900, 238 pages, map, and 19 plates.

NEBRASKA.

LINCOLN.—*University of Nebraska, Agricultural Experiment Station:* Bulletins, Nos. 55-67, 304 pages, 2 plates, 92 figures.

University of Nebraska: Bulletins, series IV, Nos. 8-10, 100 pages; series V, No. 2, 88 pages. Graduate bulletin, vol. I, No. 1, 63 pages, 4 plates. University studies, vol. II, No. 3, 28 pages.

Edwin H. Barbour, Author: The home-made windmills of Nebraska, 78 pages, 78 figures.

NEW JERSEY.

NEW BRUNSWICK.—*New Jersey Microscopical Society:* Abstract, 36 pages.

ROSEMONT.—*Dr. G. N. Best:* Various botanical and microscopical papers.

TRENTON.—*Agricultural Experiment Station, B. D. Halsted, Botanist:*

NEW MEXICO.

LAS VEGAS.—*T. D. A. Cockerell, Author:* Three new Aleurodidae from Mexico; the zonal distribution of Coleoptera in New Mexico, 44 pages.

MESILLA PARK.—*New Mexico College of Agriculture and Mechanic Arts:* Bulletins 24, 28, 92 pages.

NEW YORK.

ALBION.—*Walter F. Webb, Publisher:* The Museum, vols. V, 192 pages; VI, 150 pages.

BUFFALO.—*Buffalo Society of Natural Sciences:* Bulletins, vol. VI, 266 pages, 28 plates, 263 figures.

Grosvenor Library: List of books in library on arts and crafts.

HAMILTON.—*Colgate University, Department of Geology*: Circular of information, No. 7, 1899-1900.

ITHACA.—*M. V. Slingerland, Cornell University*: Bulletins, Nos. 148, 170, 172, 176, 233 pages, 57 figures.

LAKE MOHONK.—Report of fourth annual meeting on international arbitration, 1898, 116 pages; sixth, 1900, 125 pages.

NEW BRIGHTON.—*Natural Science Association of Staten Island*: Proceedings, vol. VII, 1898-1900, 46 pages.

NEW YORK.—*Linnæan Society of New York*: Abstract of proceedings, No. 11, 1899, 36 pages; No. 12, 1900, 12 pages.

New York Academy of Sciences: Annals, vols. XI, 516 pages; XII, 715 pages, 20 plates; XIII, part I, 542 pages, 16 plates. Memoirs, quarto, vol. II, parts I and III, 124 pages, 8 plates.

New York Botanical Garden: Bulletin, vol. I, Nos. 4, 5, pages 171-464, plates 3-12.

Torrey Botanical Club: Bulletin, vols. XXVI, 1899, 659 pages, 23 plates; XXVII, 1900, 660 pages, 25 plates.

ROCHESTER.—*Rochester Academy of Science*: Proceedings, vol. III, part II, pages 151-230; vol. IV, pages 1-64.

NORTH CAROLINA.

CHAPEL HILL.—*Elisha Mitchell Scientific Society*: Journal, vols. XIV, part II, 1897, pages 75-114; XV, 1898, 114 pages; XVI, 1899, 92 pages; XVII, part I, 24 pages.

W. W. Ashe, Author: East American species of *Crataegus*, 10 pages; some dichotomous species of *Panicum*, 8 pages.

NORTH DAKOTA.

FARGO.—*North Dakota Agricultural Experiment Station*: Eighth annual report, 84 pages.

OHIO.

CINCINNATI.—*C. G. Lloyd*: Third report on the Lloyd mycological museum, 1897; fourth report, 1898; a compilation of the Volvæ of the United States, 1898, 24 pages; mycological notes, 1898, 1899, 32 pages; catalogue of the botanical department of the Lloyd library, 1899, 1900, 24 pages.

Lloyd Library, J. U. and C. G. Lloyd: Bulletins, Nos. 1 and 3; reproduction series, No. 1; collections for an essay toward a materia medica of the United States, by Benj. Smith Barton, 1798-1804, 156 pages; No. 2, the Indian doctor's dispensatory, 1812, 120 pages.

Cincinnati Museum Association: Nineteenth annual report, 1899, 72 pages; twentieth, 1900, 68 pages.

COLUMBUS.—*Ohio Academy of Science, Wm. C. Mills, Librarian*: Special papers, No. 3, 75 pages, 5 plates, 3 charts, map.

Ohio State Archaeological and Historical Society, E. O. Randall, Secretary: Fifteenth annual report, 29 pages. Archæological and Historical Quarterly, vols. I, 403 pages; II, 532 pages; III, 328 pages; IV, 481 pages; V, 350 pages; VI, 463 pages; VII, 366 pages; all bound; vols. VIII, 488 pages, many plates; IX, Nos. 1 and 2, 252 pages.

Ohio State University—Department Zoology and Entomology: University bulletins, No. 1, 116 pages; No. 3, 24 pages, 2 plates; No. 4, 24 pages; No. 5, 108 pages.

Jas. S. Hine, Author: Panorpidae of America north of Mexico, 24 pages, 3 plates.

W. A. Kellerman, Ph. D., Author: A foliicolous form of sorghum smut; an Ohio station for *Ampelopsis cordata*; non-indigenous flora of Ohio, 28 pages; fourth state catalogue of Ohio plants, 66 pages; first supplement, 10 pages; edible fungi of Ohio, 8 pages.

Wm. C. Mills, Ph. D.: The preglacial drainage of Ohio, December, 1900, 75 pages, 9 plates and sketches.

Charles S. Prosser, Author: Correlation of Carboniferous rocks of Nebraska with those of Kansas, 15 pages; the Permian and Upper Carboniferous of southern Kansas, 24 pages; note on the distribution of the Cheyenne sandstone; gas-well sections in the upper Mohawk valley, 22 pages; the Shenandoah limestone and Martinsburg shale, 10 pages.

Lumina C. Riddle, Author (see Effingham, Kan.)

John H. Schafner, Author: The nutation of *Helianthus*; general methods in botanical microtechnique; a good killing fluid; artificial production of the sickle stage of the nucleolus; a permanent stain for starch; the O. S. U. Naturalist, vol. I, Nos. 1-4, 108 pages.

GRANVILLE.—*Denton University*: Bulletin of the scientific laboratories, vol. XI, articles III-IX, 239 pages, 58 plates, map.

BERLIN.—*Oberlin College*: Laboratory bulletin, No. 10, 56 pages; Wilson bulletin, Nos. 24 to 29.

WOOSTER.—*Ohio Agricultural Experiment Station*: Bulletins, Nos. 96-109, 420 pages; Nos. 110-120, 310 pages; 121, 122, 84 pages.

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